

Converting Colors

$Y_{xy}(41.4861, 0.3119, 0.2935)$

Have a look what the booklet for
Yxy(41.4861, 0.3119, 0.2935)
contains.

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Color

Yxy(41.6632, 0.3125, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	BEA5C0
RGB	190, 165, 192
RGB Percent	75%, 65%, 75%
CMY	0.2548, 0.3530, 0.2469
CMYK	0.01, 0.14, 0.00, 0.25
HSL	296°, 18%, 70%
HSV	296°, 14%, 75%
XYZ	44.2097, 41.6632, 55.5981
YIQ	175.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

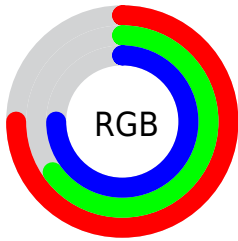
Format	Color
R _Y B	190, 165, 192
Decimal	12494272
CIE Lab	70.64, 13.96, -10.48
CIE LCh	71, 17.459, 323.109
Yxy	41.6632, 0.3125, 0.2945
Android (android.graphics.Color)	4290684352 (0xFFBEA5C0)
YUV	175.5530, 8.1084, 12.6700
Hunter-Lab	64.5470, 9.3012, -5.8870

Details

The Yxy color **41.6632, 0.3125, 0.2945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6462, 0.3126, 0.3657**, and the grayscale version is **43.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5565, 0.3126, 0.3010**, and **18.9086, 0.3110, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **35.0665, 0.3121, 0.2693**, and if you desaturate by 10%, it is **49.3054, 0.3127, 0.3192**.

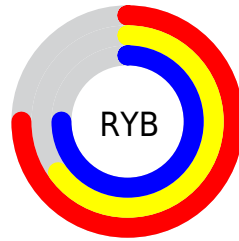
Distribution



Red (75%)

Green (65%)

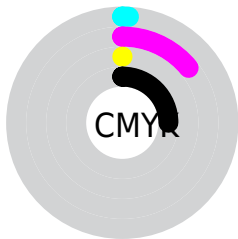
Blue (75%)



Red (75%)

Yellow (65%)

Blue (75%)

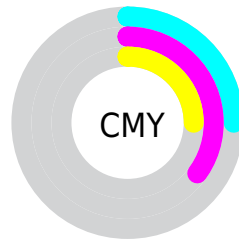


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6632, 0.3125, 0.2945 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.6632, 0.3125, 0.2945 by changing the saturation by 10% instead.


 41.6632, 0.3125,
0.2945

 41.6632, 0.3125,
0.2945

353.0849, 0.3128,
0.3116

 28.8377, 0.3124,
0.2903


 77.6896, 0.3127,
0.3007

 18.9580, 0.3122,
0.2848


 101.6593, 0.3127,
0.3030

 11.6400, 0.3118,
0.2777


130.1125, 0.3127,
0.3050

 6.4990, 0.3113,
0.2677

163.4336, 0.3127,
0.3067

 3.1508, 0.3102,
0.2531

202.0070, 0.3128,
0.3082

 1.2110, 0.3077,
0.2294

246.2171, 0.3128,

 0.0706, 0.3167,

0.3095

0.0548

296.4482, 0.3128,
0.3106

0.0000, 0.0000,
0.0000

41.6632, 0.3125,
0.2945

41.6632, 0.3125,
0.2945

35.0665, 0.3121,
0.2693

49.3054, 0.3127,
0.3192

29.4637, 0.3115,
0.2442

58.0310, 0.3127,
0.3429

24.8069, 0.3107,
0.2202

67.8826, 0.3126,
0.3651

21.0421, 0.3096,
0.1983

78.8991, 0.3124,
0.3857

18.1099, 0.3083,
0.1793

87.2214, 0.3125,
0.3988

■ 15.9436, 0.3068,
0.1641

■ 87.4160, 0.3134,
0.3986

■ 14.4664, 0.3051,
0.1532

■ 87.6124, 0.3143,
0.3985

■ 13.5854, 0.3033,
0.1465

■ 87.8107, 0.3152,
0.3983

■ 13.2370, 0.3022,
0.1438

■ 88.0108, 0.3161,
0.3981

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.6632, 0.2882, 0.2871



41.6632, 0.3125, 0.2945



41.6632, 0.3378, 0.3101

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.6632, 0.3125, 0.2945



41.6632, 0.3555, 0.3678



41.6632, 0.2706, 0.3248

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.6632, 0.3125, 0.2945



48.6462, 0.3126, 0.3657

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.6632, 0.2874, 0.3487



41.6632, 0.3125, 0.2945



41.6632, 0.3363, 0.3741

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.6632, 0.3125, 0.2945



41.6632, 0.3631, 0.3516



41.6632, 0.3113, 0.3672



41.6632, 0.2647, 0.3034

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.6632, 0.3125, 0.2945



41.6632, 0.3515, 0.3235



41.6632, 0.3113, 0.3672



41.6632, 0.2751, 0.3329

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.6650, 0.3125, 0.2945



89.3276, 0.3127, 0.3192



39.5349, 0.2905, 0.2953



18.9236, 0.3127, 0.3174



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6650, 0.3125, 0.2945



71.4490, 0.3124, 0.2865



41.4461, 0.3241, 0.3087



10.2081, 0.3126, 0.3062



8.9188, 0.3025, 0.1440



0.3970, 0.3068, 0.1464

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.9100, 0.3365, 0.3264



69.8160, 0.3430, 0.3258



48.8566, 0.3027, 0.3502



10.0898, 0.3277, 0.3273



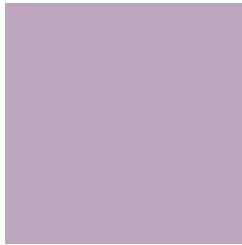
7.5673, 0.6308, 0.3249



0.3312, 0.5990, 0.3073

Previews

White Background



This preview shows how the Yxy color 41.6632, 0.3125, 0.2945 looks on a white background.

Color Contrast Check

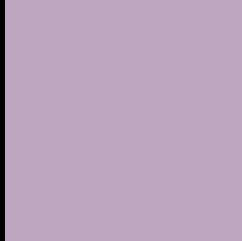
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.6632, 0.3125, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

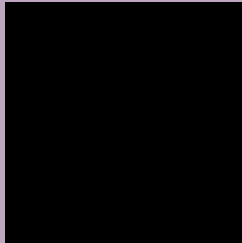
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6632, 0.3125, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 41.6632, 0.3125, 0.2945.



This preview shows how white text looks on a background with the Yxy color 41.6632, 0.3125, 0.2945.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.6632, 0.3125, 0.2945

Protanopia

41.9256, 0.2910, 0.2970

Deuteranopia

41.5906, 0.3052, 0.2989



Tritanopia

41.6241, 0.3209, 0.3121

Trichromacy



Original Color

41.6632, 0.3125, 0.2945

Protanomaly

41.6632, 0.2985, 0.2949

Deuteranomaly

41.5894, 0.3079, 0.2979

Tritanomaly

41.5519, 0.3184, 0.3057

Monochromacy



Original Color

41.6632, 0.3125, 0.2945

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7062, 0.3124, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6632, 0.3125, 0.2945 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 165, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 165, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.6632, 0.3125, 0.2945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 165, 192) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 165, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 165, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 165, 192); box-shadow:4px 4px 4px 4px rgb(190, 165, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6632, 0.3125, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 165, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
165, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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